

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A beam homogenizer for forming a laser beam elongated in one direction on an irradiated surface, comprising:

two reflectors for reflecting and splitting said laser beam,

wherein one of said two reflectors comprises a plurality of convex mirrors, and the other one of said two reflectors comprises a plurality of concave mirrors.

2. (Previously Presented) A beam homogenizer of claim 1, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

3. (Currently Amended) A beam homogenizer for forming a laser beam elongated in one direction on an irradiated surface, comprising:

two reflectors for reflecting and splitting said laser beam, ~~each of said reflectors including a plurality of reflective surfaces,~~

~~wherein any of said plurality of reflective surfaces is in agreement with a locus which is depicted by a part of a parabola when the part of the parabola is translated in a direction perpendicular to a plane containing said parabola~~

wherein one of said two reflectors comprises a plurality of convex and concave mirrors, and the other one of said two reflectors comprises a plurality of concave mirrors.

4. (Previously Presented) A beam homogenizer of claim 3, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

5. (Currently Amended) A beam homogenizer for forming a laser beam elongated in one direction on an irradiated surface, comprising:

two reflectors for reflecting and splitting said laser beam;

~~one of said reflectors including a plurality of reflective surfaces, any of said plurality of reflective surfaces being in agreement with a locus which is depicted by a part of a parabola when the part of the parabola is translated in a direction perpendicular to a plane containing said parabola;~~

~~the other of said reflectors including a plurality of plane mirrors~~

wherein one of said two reflectors comprises a plurality of concave mirrors, and the other one of said two reflectors comprises a plurality of plane mirrors.

6. (Previously Presented) A beam homogenizer of claim 5, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

7.-41. (Canceled)

42. (Currently Amended) A laser irradiation apparatus for forming a laser beam elongated in one direction on an irradiated surface, comprising:

a laser oscillator; and

two reflectors for reflecting and splitting said laser beam,

wherein one of said two reflectors comprises a plurality of convex mirrors, and the other one of said two reflectors comprises a plurality of concave mirrors.

43. (Previously Presented) A laser irradiation apparatus of claim 42, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

44. (Previously Presented) A laser irradiation apparatus of claim 42, wherein said laser oscillator is a member selected from the group consisting of an excimer laser, a YAG laser and a glass laser.

45. (Previously Presented) A laser irradiation apparatus of claim 42, wherein said laser oscillator is a member selected from the group consisting of a YVO₄ laser, a YLF laser and an Ar laser.

46. (Currently Amended) A laser irradiation apparatus for forming a laser beam elongated in one direction on an irradiated surface, comprising:

a laser oscillator; and

two reflectors for reflecting and splitting said laser beam, ~~each including a plurality of reflective surfaces~~

wherein one of said two reflectors comprises a plurality of convex and concave mirrors, and the other one of said two reflectors comprises a plurality of concave mirrors.

47. (Previously Presented) A laser irradiation apparatus of claim 46, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

48. (Previously Presented) A laser irradiation apparatus of claim 46, wherein said laser oscillator is a member selected from the group consisting of an excimer laser, a YAG laser and a glass laser.

49. (Previously Presented) A laser irradiation apparatus of claim 46, wherein said laser oscillator is a member selected from the group consisting of a YVO₄ laser, a YLF laser and an Ar laser.

50. (Currently Amended) A laser irradiation apparatus for forming a laser beam elongated in one direction on an irradiated surface, comprising:

a laser oscillator;

a first reflector for reflecting and splitting said laser beam, said first reflector including a plurality of ~~reflective surfaces~~ concave mirrors; and

a second reflector for reflecting ~~and splitting~~ said laser beam, said second reflector including a plurality of plane mirrors.

51. (Previously Presented) A laser irradiation apparatus of claim 50, wherein said laser beam has a length of 600 mm or more along said one direction on said irradiated surface.

52. (Previously Presented) A laser irradiation apparatus of claim 50, wherein said laser oscillator is a member selected from the group consisting of an excimer laser, a YAG laser and a glass laser.

53. (Previously Presented) A laser irradiation apparatus of claim 50, wherein said laser oscillator is a member selected from the group consisting of a YVO₄ laser, a YLF laser and an Ar laser.